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3. Materials.a. Identities of sources:

Plate

Borsodnádásd Sheet Mill

Wire

Salgotarján Steel Goods Factory

- (1) For the mass-produced lines of manufacture only reject material or second and third quality material is supplied.
- (2) Material destined for armaments production, however, is of better quality and is carefully checked by the quality inspectors delegated by the Ministry of Defense.

4. Destinations:

As far as is known, the works has only internal consignees; for the stick grenades its sole customer is the Hungarian Army.

5. Transport.

All transport for incoming and outgoing goods is by truck.

6. Power.

- a. Only electric power is used.
- b. Power is supplied from the national grid.

7. Labor.

- a. The number of employees is between 800 and 900, about half of whom are females.
- b. Work is in three shifts of 8 hours each.
- c. Of the manual workers about two-thirds consist of casual labor. The office staff and technical personnel are of low efficiency and their number is insufficient. The reason for the low level of efficiency is the rapidity of the plant's recent growth (production has doubled).
- d. The employees have their homes in the Kőbánya district, at Vecsés, Úllő and Monor.
- e. Employees come to work either by railroad or streetcar.

8. Machinery.

## a. The plant equipment consists of:

140 - 150 machine tools of small size, including the following: -

- 40 - 45 presses.
- 20 - 25 grinding machines.
- 10 - 15 lathes.
- 15 - 20 boring machines.
- 10 - 15 milling machines.
- 8 - 10 planing machines.

Several turret lathes.  
1 oxydizing installation.  
1 heat treating installation.

All the machine tools are old and in bad condition.

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- b. Vital machine tools lacking are presses.
- c. The measuring instruments available are only of a simple type.
- d. Internal handling and transport are by manpower and pushcarts.

9. Quality and quantity control.

- a. Control of efficiency is identical to that at the Csepel Automobile Works.
- b. The quality control organization consists of 65 inspectors, mainly females.

10. Bottlenecks.

- a. Bottlenecks in the past were caused by the following:
  - (1) Lack of space.
  - (2) Shortage of labor.
  - (3) Poor condition of machine tools and frequent breakdowns of same.
- b. Bottlenecks adversely affecting production in 1953 were caused by the following:
  - (1) Lack of space. Despite the fact that a new building (No. 8 in sketch) were erected in 1951 - 52, the floor-space is so crammed that there is not sufficient room between the machine tools for stacking and moving materials.
  - (2) Lack of presses.
  - (3) Frequent breakdown of machine tools.
- c. A serious bottleneck can be expected to occur as a result of a further deterioration of the presses, which are in very bad condition and of which there are too few.
- d. A serious bottleneck could be artificially created by cutting the power supply and/or by damaging the machine tools.

11. Security

- a. There is no armed guard.
- b. The most vulnerable portion of the plant is the pressing machines, because the majority of components are stampings. Consequently the elimination of these machines would cripple production.

12. Organization.

- a. The organization of the concern is identical to that of the Csepel Automobile Works.
- b. The concern is subordinate to the Directorate for Mass-Produced Goods Manufacture in the Ministry of Metallurgy and Machine Industry.

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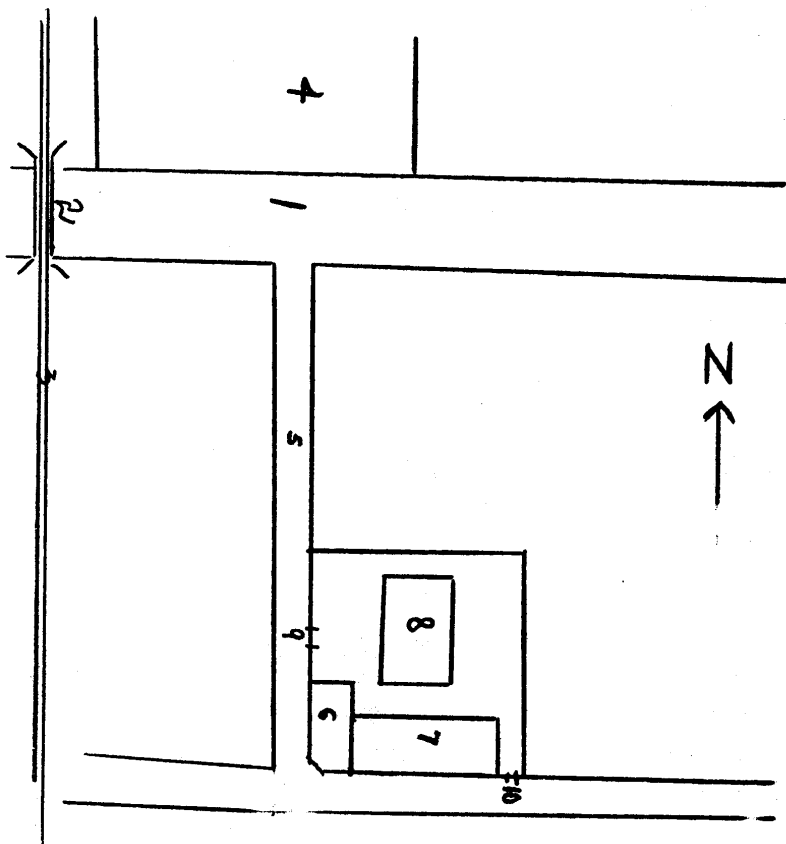
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13. Layout.

Legend to sketch showing location of plant and disposition of principal buildings:

1. Kőbánya-ut.
2. Railroad Viaduct.
3. Railroad Line.
4. Timber yard.
5. Monori-utca.
6. Offices
7. Plant (shops).
8. New building (shops).
9. & 10. Entrances for vehicles.

Annex: Mass Produced Metal Goods Work in Budapest



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